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(71) Applicant (for all designated States except US): **CANON KABUSHIKI KAISHA [JP/JP]**; 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **YASUDA, Susumu [JP/JP]**; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). **YAGI, Takayuki [JP/JP]**; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). **USHIJIMA, Takashi [JP/JP]**; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo,

1468501 (JP). **ZAITSU, Yoshitaka [JP/JP]**; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). **ICHIMURA, Yoshikatsu [JP/JP]**; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).

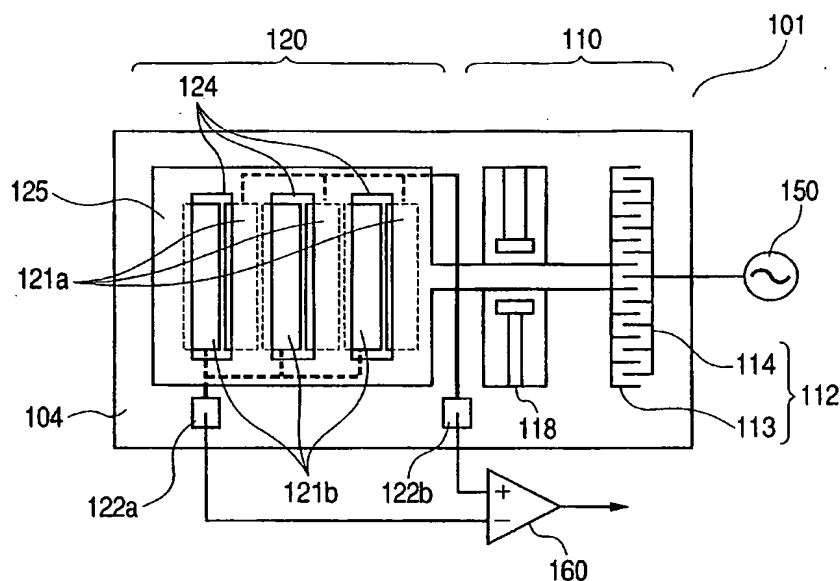
(74) Agents: **OKABE, Masao et al.**; No. 602, Fuji Bldg. 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

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(54) Title: MICROMECHANICAL POTENTIAL SENSOR



(57) Abstract: A potential sensor (101) including first and second detection electrodes (121 a, b) opposed to an object of which a potential is to be measured, and a movable shutter (125) so positioned between the detection electrodes and the potential-measured object with gaps thereto; wherein the movable shutter can assume a first state and a second state, the first detection electrode is exposed to the potential-measured object wider when the movable shutter assumes the first state than when the movable shutter assumes the second state, and the second detection electrode is exposed to the potential-measured object narrower when the movable shutter assumes the first state than when the movable shutter assumes the second state.

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